

Networking MCQ Question Answer

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Question: 1. A node, which is more powerful, and can handle local information processing or graphics processing is called a-----.

- Option A. Workstation
- Option B. Server
- Option C. Network Operating System
- Option D. Peer system

Question: 2. have a single communication channel that is shared by all the users on the network.

- Option A. Point-to-point
- Option B. Broadcast networks
- Option C. Protocol
- Option D. PAN

Question: 3. Which Layer is Responsible for Congestion Control?

- Option A. Network Layer
- Option B. Datalink Layer
- Option C. Transport Layer
- Option D. D) Application layer

Question: 4.is a technique of conversion between the representation of digital data in user equipment and the corresponding signals transmitted over a communications channel.

- Option A. Line coding
- Option B. Demodulation
- Option C. Modulation
- Option D. Segmentation

Question: 5. Videoconferencing is an example for..... communication

- Option A. Simplex
- Option B. Half duplex
- Option C. Full duplex
- Option D. serial

Question: 6. E-mail is an example of mode of communication where one party can send a note to another person and the recipient need not be online to receive the e-mail.

- Option A. asynchronous
- Option B. synchronous
- Option C. full duplex

Option D. either A or B

Question: 7.combines characteristics of linear bus and star topologies.

Option A. Ring topology

Option B. A hybrid topology

Option C. A tree topology

Option D. mesh topology

Question: 8. Following are the advantages of tree topology

i) Point-to-point wiring for individual segments.

ii) Supported by several hardware and software vendors.

iii) Easy to install and wire

Option A. i) only

Option B. i) and ii) only

Option C. iii) only

Option D. i) ,ii) and iii)

Question: 9. Which of these is an example for unguided transmission?

Option A. coaxial cable

Option B. optical fibers

Option C. wireless

Option D. twisted pairs

Question: 10. The key concern in the design of transmission system is ----- and -----

Option A. data rate ,distance

Option B. speed, accuracy

Option C. accuracy, simplicity

Option D. distance , cost

Question: 11. Which of the following transmission media suffers more from transmission impairment?

Option A. coaxial cable

Option B. Optical fiber

Option C. twisted pair

Option D. wave guides

Question: 12. The Hamming Distance for the codes generated using either even or odd parity will be-

Option A. 2

Option B. 4

Option C. 1

Option D. 0

Question: 13. Pure ALOHA has a maximum throughput of -----

- Option A. 16.4 %
- Option B. 18.4 %
- Option C. 7.4 %
- Option D. 1 %

Question: 14. preamble field of 802.3 frames is encoded using ----- encoding

- Option A. Manchester
- Option B. differential Manchester
- Option C. Bi polar
- Option D. uni polar

Question: 15. -----is a static algorithm in which every incoming packet is sent out on every outgoing line except the one it arrives on.

- Option A. Distance vector
- Option B. Congestion
- Option C. Link state routing
- Option D. Flooding

Question: 16. Where are routing tables placed?

- Option A. in network interface card
- Option B. in routers memory
- Option C. in server memory
- Option D. in a subnets memory

Question: 17. ----- is/are used for error detection.

- Option A. Parity bit
- Option B. checksum
- Option C. both A) and B)
- Option D. neither A) nor B).

Question: 18. Which of these is a feature of hubs?

- Option A. Hubs amplify the incoming signal.
- Option B. Hubs understand frames, packets or headers
- Option C. All lines coming into a Hub must operate at a same speed.
- Option D. all of these

Question: 19. DSL stands for -----

- Option A. data subscriber lines
- Option B. dual subscriber lines
- Option C. delay subscriber lines
- Option D. digital subscriber lines

Question: 20. The packet transmit using standard Internet Protocol(IP) throughout the Internet by

- Option A. Circuit switching
- Option B. Packet switching
- Option C. Message switching
- Option D. None of the above.

Question: 21. Which of the following is required to communicate between two computers?

- Option A. Communications software
- Option B. Protocol
- Option C. Communication hardware
- Option D. All of the above including access to transmission medium

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Question: 23. The special address 'THIS HOST' is referred to as

- Option A. 0.0.0.0
- Option B. 0.0.14.98
- Option C. 127.0.0.127
- Option D. 255.255.255.255

Question: 24. How many number of host/machine can be attached to a network using a class B address?

- Option A. 65,536
- Option B. 128
- Option C. 256
- Option D. 16,777,216

Question: 25. This mapping of name to IP address is done by

- Option A. Address resolution protocol
- Option B. Domain name server
- Option C. reverse address resolution protocol
- Option D. Ethernet

Question: 26. Destination physical address in ARP request is aaddress.

- Option A. Unicast
- Option B. Broadcast
- Option C. Multicast
- Option D. Anycast

Question: 27. ARP is defined in RFC _____ and it is a current internet standard, _____

Option A. RFC-37, STD 903

Option B. RFC-903, STD 37

Option C. RFC 826; STD 37

Option D. RFC 37; STD 826

Question: 28. The idea of sharing one network address among the multiple physical networks can be done using the following technique:

Option A. Supernetting

Option B. Subnetting

Option C. Transparent router

Option D. Both b & c

Question: 29. What are the subnet mask in dotted decimal notation for /20 networks?

Option A. 255.255.252.0

Option B. 255.255.255.0

Option C. 255.255.254.0

Option D. 255.255.240.0

Question: 30. ICMP messages require levels of encapsulation

Option A. One

Option B. Two

Option C. Three

Option D. Four

Answer Sheet

1	A	
2	B	
3	C	
4	C	
5	C	
6	A	
7	C	
8	B	
9	C	
10	A	
11	C	
12	A	
13	B	
14	A	
15	D	
16	B	
17	C	
18	C	
19	D	
20	B	
21	D	
22	D	
23	A	
24	A	
25	B	
26	B	
27	C	
28	D	
29	D	
30	B	